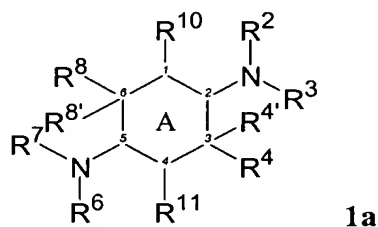


What is claimed is:

1. An organic electroluminescent device comprising at least one emitter layer which includes at least one 2,5-diaminoterephthalic acid derivative having formula **1a** :



wherein the ring A is a triply unsaturated benzene ring wherein R^{4'} and R^{8'} are omitted, or the ring A is an unsaturated ring having two isolated double bonds in the 1,2-position and the 4,5-position, and

R¹⁰ is -CN or -C(=X¹)-X²R¹;

R¹¹ is -CN or -C(=X³)-X⁴R⁵;

X¹ and X³, which are the same or different, are oxygen, sulphur or imino;

X² and X⁴, which are the same or different, are oxygen, sulphur or substituted or unsubstituted amino;

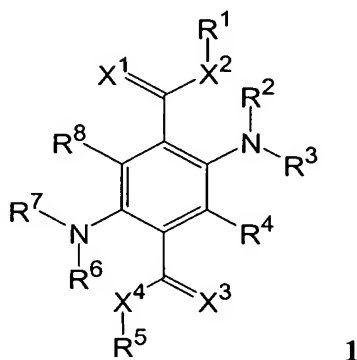
R¹ to R⁸, R^{4'} and R^{8'} are the same or different and are hydrogen, C1-C20 alkyl, aryl, heteroaryl, wherein aryl and heteroaryl can be substituted singly or multiply with the same or different radicals di-C1-C3-amino, C1-C10 alkoxy, C1-C4 alkyl, cyano, fluorine, chlorine and bromine as well as phenyl;

R⁴ and R⁸ can also be halogen, nitro, cyano or amino,

R² to R⁴, R⁶ to R⁸, R^{4'} and R^{8'} can also be trifluoromethyl, 2-fluorophenyl, 3-fluorophenyl, 4-fluorophenyl, 2,4-difluorophenyl, 2,6-difluorophenyl, 2,3,4,5-tetrafluorophenyl or pentafluorophenyl; and

wherein the following radicals can form a saturated or unsaturated ring
X¹ and X², R¹ and R², R² and X², R² and R³, R³ and R⁴, R⁴ and X³, X³ and X⁴, R⁵ and X⁴, R⁶ and X⁴, R⁶ and R⁷, R⁷ and R⁸, R⁸ and X¹, R³ and R^{4'}, R⁷ and R^{8'}, R⁴ and R^{4'}, and R⁸ and R^{8'}, to which ring further rings can be fused.

2. The device of Claim 1, wherein X^1 and X^3 are oxygen.
3. The device of Claim 1, wherein R^{10} and R^{11} are $-\text{CN}$.
4. The device of Claim 1, wherein the 2,5-diaminoterephthalic acid derivative has a formula 1 :



wherein X^1 and X^3 are the same or different atoms or groups, oxygen, sulphur or amino;

X^2 and X^4 are the same or different atoms or groups, oxygen, sulphur or amino, wherein the amino nitrogen can be substituted;

R^1 , R^2 , R^5 and R^6 are the same or different and are hydrogen, C1-C20 alkyl; aryl, substituted aryl, heteroaryl, or substituted heteroaryl;

R^4 and R^8 are the same or different and are hydrogen, C1-C20 alkyl, halogen, nitro, cyano, amino, aryl, substituted aryl, heteroaryl, or substituted heteroaryl; and

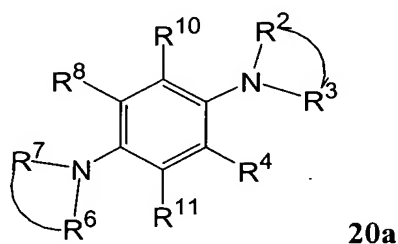
R^3 and R^7 are the same or different and are aryl, substituted aryl, heteroaryl, or substituted heteroaryl.

5. The device of Claim 4, wherein R^3 and R^7 are the same or different and are aryl or substituted aryl.

6. The device of Claim 5, wherein R^3 and R^7 are the same or different and are phenyl, substituted phenyl, naphthyl or substituted naphthyl.

7. The device of Claim 6, wherein R^3 and R^7 are the same or different and are phenyl substituted singly or multiply with the same or different radicals selected from di-C1-C3-amino, C1-C10 alkoxy, C1-C4 alkyl, cyano, fluorine, chlorine, bromine and phenyl.

8. The device of Claim 1, wherein the 2,5-diaminoterephthalic acid derivative has a formula **20a** :



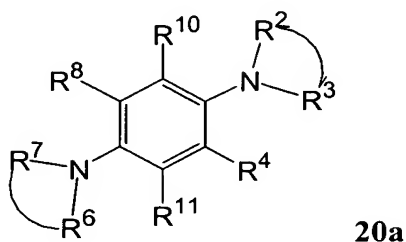
wherein R^2 and R^3 are members of a 5- or 6-membered ring, forming a saturated or unsaturated heterocycle; and

R^6 and R^7 are members of a 5- or 6-membered ring, forming a saturated or unsaturated heterocycle.

9. The device of Claim 8, wherein R^2 and R^3 are members of a 5- or 6-membered ring, forming a saturated heterocycle; and

R^6 and R^7 are members of a 5- or 6-membered ring, forming a saturated heterocycle.

10. A 2,5-diaminoterephthalic acid derivative having a formula **20a** :



wherein R^2 and R^3 are members of a 5- or 6-membered ring, forming a saturated or unsaturated heterocycle;

R^6 and R^7 are members of a 5- or 6-membered ring, forming a saturated or unsaturated heterocycle;

R^4 and R^8 are the same or different and are hydrogen, C1-C20 alkyl, halogen, nitro, cyano, amino, aryl, substituted aryl, heteroaryl, or substituted heteroaryl

R^{10} is $-\text{CN}$ or $-\text{C}(=\text{X}^1)-\text{X}^2\text{R}^1$;

R^{11} is $-\text{CN}$ or $-\text{C}(=\text{X}^3)-\text{X}^4\text{R}^5$; and

R^1 and R^5 are the same or different substituents and are hydrogen, C1-C20 alkyl; aryl, substituted aryl, heteroaryl, or substituted heteroaryl;

11. The 2,5-diaminoterephthalic acid derivative of Claim 10, wherein X^1 , X^2 , X^3 and X^4 are oxygen and R^1 and R^5 are the same or different and are C1-C4 alkyl.

12. The 2,5-diaminoterephthalic acid derivative of Claim 10, wherein R^{10} and R^{11} are $-\text{CN}$.

13. The 2,5-diaminoterephthalic acid derivative of Claim 10, wherein R^4 and R^8 are hydrogen.